

## Supporting Information

### Chemical Structure of Arsenic and Chromium in CCA-Treated Wood: Implications of Environmental Weathering

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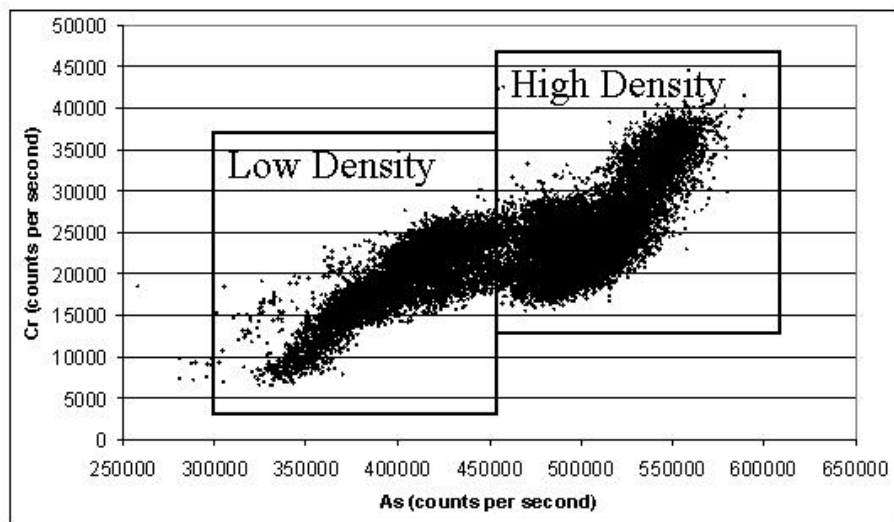
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One page: one figure

The correlation between the fluorescence intensity of the Cr and As (See Figure) show two distinct data clusters with one cluster corresponding exclusively to the low-density areas of the wood and the other to the high-density areas. Both clusters shows a strong As to Cr linear relationship,  $r = 0.982$  and  $0.963$ , respectively, with identical slopes,  $m = 0.05$  implying a uniform Cr-to-As ratio throughout the wood sample.



Correlation between Cr and As fluorescence intensity (in counts per second) from a 10 x 1mm micro-XAS map of a piece of aged wood.